

L Number	Hits	Search Text	DB	Time stamp
1	35939	print\$ and weld\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 06:26
2	3415216	tube\$6 or sleeve\$6 or hollow or cylind\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 06:27
3	17183	(print\$ and weld\$) and (tube\$6 or sleeve\$6 or hollow or cylind\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 06:28
4	2590587	ends or edges	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 06:28
5	13091	((print\$ and weld\$) and (tube\$6 or sleeve\$6 or hollow or cylind\$4)) and (ends or edges)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 06:29
6	2586960	plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 06:30
7	7951	((print\$ and weld\$) and (tube\$6 or sleeve\$6 or hollow or cylind\$4)) and (ends or edges)) and plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 06:30
8	235358	bead\$4 or blob	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 06:33
9	924	((((print\$ and weld\$) and (tube\$6 or sleeve\$6 or hollow or cylind\$4)) and (ends or edges)) and plate) and (bead\$4 or blob)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 07:08
10	3	("3490841" "5218405" "5418600").PN.	USPAT	2003/10/06 06:42
11	699580	\$6weld\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 07:09
12	1759490	"12" and (tube\$6 or sleeve\$6 or hollow or cylind\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 07:12
13	290762	(tube\$6 or sleeve\$6 or hollow or cylind\$4) and \$6weld\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 07:13
14	13079	(ends or edges) and (((print\$ and weld\$) and (tube\$6 or sleeve\$6 or hollow or cylind\$4)) and (ends or edges)) and ((tube\$6 or sleeve\$6 or hollow or cylind\$4) and \$6weld\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 07:13

15	95360	(ends or edges) and plate and ((tube\$6 or sleeve\$6 or hollow or cylind\$4) and \$6weld\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 07:14
16	3883916	al or aluminum	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 07:14
17	72594	((ends or edges) and plate and ((tube\$6 or sleeve\$6 or hollow or cylind\$4) and \$6weld\$6)) and (al or aluminum)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 07:15
18	1092689	expand\$6 or expansion\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 07:16
19	23090	((ends or edges) and plate and ((tube\$6 or sleeve\$6 or hollow or cylind\$4) and \$6weld\$6)) and (al or aluminum) and (expand\$6 or expansion\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 07:16
20	501935	bead\$4 or seam\$4 or bump\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 07:17
21	5973	((ends or edges) and plate and ((tube\$6 or sleeve\$6 or hollow or cylind\$4) and \$6weld\$6)) and (al or aluminum) and (expand\$6 or expansion\$3)) and (bead\$4 or seam\$4 or bump\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 07:18
22	5973	plate and (((ends or edges) and plate and ((tube\$6 or sleeve\$6 or hollow or cylind\$4) and \$6weld\$6)) and (al or aluminum) and (expand\$6 or expansion\$3)) and (bead\$4 or seam\$4 or bump\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 07:18
23	1447754	\$6print\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 07:20
24	1165	(plate and (((ends or edges) and plate and ((tube\$6 or sleeve\$6 or hollow or cylind\$4) and \$6weld\$6)) and (al or aluminum) and (expand\$6 or expansion\$3)) and (bead\$4 or seam\$4 or bump\$3))) and \$6print\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 08:10
25	8	("1963745" "3146709" "3750250" "4198739" "4643095" "4872407" "5351615" "5379693").PN.	USPAT	2003/10/06 07:47
26	3	5492059.URPN.	USPAT	2003/10/06 07:51
27	9	("2274961" "2372665" "2647847" "2768433" "3098285" "3451903" "3461046" "3616520" "3633259").PN.	USPAT	2003/10/06 08:06
28	10	3950839.URPN.	USPAT	2003/10/06 08:08

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1	323	(sheet adj metal) same draw\$3 same roll	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 15:23
2	1690766	cut or cutting	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 15:23
3	155	((sheet adj metal) same draw\$3 same roll) and (cut or cutting)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 15:32

L Number	Hits	Search Text	DB	Time stamp
1	1277	mandrel and weld\$4 and (crown or bump or seam or bead) and air	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/06 09:05